

## INDUSTRIAL COMPONENT DATA

**2CSA275901R9164 ABB S-ARC1MC16 Det. Arco + Int. Autom.**

Brand: ABB | Manufacturer Part Number: 2CSA275901R9164



|                 |                                                       |
|-----------------|-------------------------------------------------------|
| Manufacturer    | ABB                                                   |
| MPN / Reference | 2CSA275901R9164                                       |
| Catalog number  | 275901                                                |
| Category        | Miniature circuit breaker (MCB) with auxiliary device |
| Minimum order   | 1 Pcs                                                 |
| Document ID     | EO-1B112F66F0                                         |
| Generated       | 2026-07-28                                            |

**Product Overview**

S-ARC1MC16 Det. Arco + Int. Autom.

S-ARC1 M C16 Arc fault detection device integrated with MCB

## STRUCTURED PRODUCT DATA

**Technical Specifications**

No structured technical attributes are currently available. Submit an RFQ for technical review.

**Classification & Catalog Path**

Catalog path ABB &gt; Industrial

**Additional Product Information**

ABB EcoSolutions

ABB EcoSolutions Yes

EcoSolutions Profile 9AKK108471A1002

Recyclability Rate of the Product acc. to EN45555 Design for Closing Resource Loops - Standard EN45555 - 81.91 %

ABB Site Meeting Group Waste To Landfill Target No non-hazardous waste is sent to a landfill

UL 2799 Zero Waste To Landfill Validation available

Extended Product Lifetime Product Durability

End Of Life Disassembling Instructions 9AKK108469A4799

Environmental Product Declaration - EPD 9AKK108468A8866

Technical

Dielectric Test Voltage 2.5 kV

Rated Ultimate Short-Circuit Breaking Capacity (Icu) 10 kA

Rated Service Short-Circuit Breaking Capacity (Ics) 7.5 kA

Power Supply Connection Arbitrary

Contact Position Indication Red ON / Green OFF

Energy Limiting Class 3  
Electrical Endurance 10000 cycle  
Mechanical Endurance 20000 cycle  
Number of Protected Poles 1  
Number of Poles 1P+N  
Number of Modular Spacings per DIN Rail 2  
Operating Characteristic Instantaneous  
Position of Neutral Terminals Right  
Tightening Torque 2.8 N·m  
Accessory Type Auxiliary contact  
Auxiliary/Signal contact  
Shunt trip  
Undervoltage release  
Overvoltage release  
Actuator Type Toggle - Insulation group II, Orange RAL 2004, sealable in ON-OFF-positions  
Housing Type Insulation group I, RAL 7035  
Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal  
Includes Fire protection switch  
Accessories Available Yes  
Mounting Position of Accessories Right  
Number of Batteries 0  
Connecting Capacity Busbar 10 mm<sup>2</sup>  
Rigid 1...25 mm<sup>2</sup>  
Flexible 1...1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CSA275901R9164 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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